

# SOUTH PRODUCTION NOTES

April 2, 2015  
7-3 Shift Notes

**BASF EMPLOYEES**

66 Last Recordable  
642 Last Lost Time

**110 Days To RC Audit**

Be sure to check weigh all bags off of the calciners and fill out the log sheet downstairs by the scale and attach "Packaged By" label with your initials.

## **#1 MED / AI 5637:**

High priority to keep line running through weekend. Need to get to batch 424ish. Add the wet mix on 2<sup>nd</sup> floor (1/2 drums per batch). Use the good powder from each drum, and discard the hard, rocky, solidified material to Haz waste drum. Please note that Bodmann updated the total solution for each batch (see MOD). May need to periodically change out the blower filter – inspect and change as necessary.

## **#1 RC / AI 5637:**

Will be holding for trimer repair. Blower motor to be replaced on Thursday. NOTE: oversize was being directed to a drum and not to the attrition mill. We need to reconnect the mill when we restart.

**Exhaust to Trimer**

## **#2 MED line / Cu 0860:**

Ran early midnight shift but out of dry ice. Need more delivered – check status in morning. Check with Justin before starting up line again...need to inspect solution tank and lines. May be partially blocked.

When running, add ¼ drum wet mix to each batch or use the cart.

NOTE: there are a number of drums on the 2<sup>nd</sup> deck mezzanine...these can be sealed up, weighed, and be put in the red area to be sent out as copper reclaim. Monitor transition sock for leakage. New transition socks are being looked into. Only one grab sample is needed/shift. Any questions, contact Justin.

## **#2 RC/ Cu 0860:**

Feed turned off end of midnight shift. Very low SA and Justin suspects blocked syntron. Will need to address early day shift and advise findings to Justin before restarting feed.

Lab has been contacted to look at our SA machines.

PLEASE monitor and check surface areas, and contact Justin Quach if out of range for specific corrective instructions. Continue to feed in batch order. Do not feed the bag marked lot 719/720.

F1 overflowed again today

**Currently exhausting to CTO (F1 has reservoir overflow issues).**

### **#3 Cleaning:**

Cleaning line...need to do an excellent dry clean and wash down. Working on extruder (auger pulled and flushing extruder body). Most of 2<sup>nd</sup> and 3<sup>rd</sup> floor items cleaned, will need dryer and spiral next.

**NOTE:** The #3 viron packing was scheduled to be replaced on the week of the 30<sup>th</sup>.

### **#3 RC / Ni 2458:**

Calciner is lit and running now, continue. As of 5:00 am the feed rate is around 330 lbs/hr....however, batch temps were too high Wed night (about 100 degrees). Bringing back down on day shift. Need to monitor and make sure CTO suction and ammonia levels are OK – have ammonia tote ready to change out at all times.

**Exhaust to CTO – NOTE: CTO is in manual. Leave in manual at 38%.**

### **#4 RC / Ni 2458:**

Calciner is down until trimer blower is repaired (working on this day shift Thursday.

**NOTE:** Auto sampler is now working.

**Exhaust Trimer**

### **#5 RC / 4010 done:**

On hold for modifications.

**NOTE:** bags 15 and 16 are not to be fed – they are in the red zone in Bldg 31 and can be scrapped. Need to be repacked to Haz-waste bags. Maybe through the PK when 4010 is complete?

**Exhaust to**

### **#6 RC & Dryer / D-1781 next**

Finishing cleaning around floor areas of calciner and dryer, and fire up both items as soon as possible. MOD for D 1781 is in control room.

**Exhaust to Sly Scrubber**

### **6 Tank / Ni 2458 solution**

**Tank adjusted on afternoons. 4-1-15**

### **New Pfaudler / Ni 2458:**

Continue to make batches.

Pump is working fine now and a screen was installed over the wand for the tote so hopefully we will not clog again. Use trays to catch solution under totes.

### **7 Tank Vanadyl Oxalate solution for V 2045 empty:**

Tank was being acid washed several days ago...status?

### **Old Pfaudler / D-1781 next**

Pfaudler was washed out, nozzles changed and vacuum system flushed. Lid has been reinstalled and should be ready for batches on day shift Thursday. Gathering raws on Thur morning, need to start up.

### **National Dryer: Ni 2458**

Continue to feed as material available.

National is now working, High level probe on discharge was active due to material in hopper. This was kicking out the dryer when the belt was turned on.

### **PK Blender / AL-3915 Pill Mix:**

PK is not able to be run due to DC lines being removed for installation of new DC equipment.

Outlet valve update: New Valve to be delivered soon...valve will have a spring that will keep it closed when there is no air to the valve.

### **Abbe Blender / 5206 Done**

Done for a while. Area Cleaned.

### **Tower 3 Cu 0860:**

More work done tightening up connections in MCC boxes. Will try to start on day shift on Thursday. Engineers will be looking at other issues, possible sheive change.

### **Tower 6 / QVAM:**

Next tower should come down early/middle Day shift Thursday.

### **North Screener / Cu-0860:**

Done...

### **South Screener / change over to E 474:**

Done.

### **#2662 (west) Pill Machine / Al-3915:**

Running, having flow issues



### **#2664 (east) Pill Machine / AI 3915:**

Running, having flow issues

### **TK #2 / Be0101, transition to :**

Continue loading and unloading. Make sure temps are OK.

As of 9:00 am Thur two bags remaining on floor. When these are loaded, begin setting up tunnel kiln #4 for V 2045 (should start set-up day shift Friday).

### **TK #4 / V 2045 next:**

When TK #2 has last bag fed (sometime day shift Friday), begin setting up for V 2045. Grodecki will provide MOD.

WOW for reprogramming to turn off screener when drum is full

Mark would like a final count of the fines drums.

### **Harrop Kiln / AI 3921 finishing soon, AI 3920 next:**

Continue...split the time on the kiln with the screener or other personnel (4 hrs). 2 bottles of eyewash solution are now at the normal eyewash station. Please read directions for use before beginning to work in this area.

We are now loading the front half of the car and the top 2 saggars on the back half of the saggars. Operators will be switched out half way through the shift.

**NOTE: work order written** for improved lighting fixture over car rail unloading zone (just out of cooling zone).

### **Building 27 Belt Filter / Cu 5020:**

Running good. Continue. Will need to get bismuth in the morning and have extra staged for the weekend.

Tank 6 Pump repaired 3-31 afternoons.

Trying to determine if we can remove some of the totes of solution that are sitting on the 1<sup>st</sup> floor.

## **Priorities:**

Priorities 1 through 9 are basically all the same priority, should be considered urgent and will require call outs for maint issues and/or processing issues.

- 1) #5 RC
- 2) #1 MED/RC
- 3) Reduction Towers
- 4) West Pfaudler/National Dryer/#4 RC
- 5) East Pfaudler/#2 T kiln
- 6) Harrop Kiln
- 7) Horne Tableting Machines
- 8) #3 MED/cleaning
- 9) #2 Line/#2RC
- 10) Finish cleaning HC-11 Dryer & Calcine

WOWs, equipment issues, other issues:

**F1 items** – After all of the clean-up and repairs to various parts of F1, the suction is now very high but the reservoir tank continues to run over. Need to verify if OK to use. Currently have recirc pumps turned off.

**Trimer items** – Trimer down (blower motor to be replaced)

**CTO** – Running but DP on burner is high. Not yet out of range.